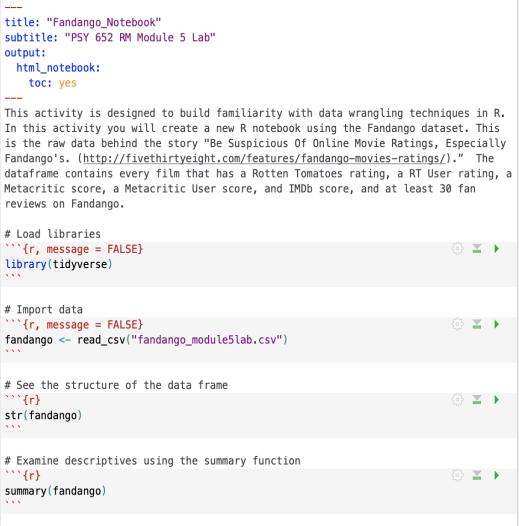
## Module 5 Lab Activity: Data Wrangling Practice PSY 652 Research Methods Oct 2, 2019



Load libraries
Import data
See the structure of the dat...
Examine descriptives using...
A collection of data wrangli...
filter the data
select the data
mutate the data
arrange the data
summarise the data

## Created by Neil Yetz & Gemma Wallace

```
# A collection of data wrangling techniques
## filter the data
The filter function allows you subset data by rows.
```{r}
film_2014 <- filter(fandango, year==2014)</pre>
film_2014 <- filter(fandango, year==2014 & stars >=4)
## select the data
The select function allows you to subset data by column.
```{r}
fandango_subset <- select(fandango, year, stars)</pre>
## mutate the data
The mutate function allows you to create new variables in your dataset. The mutate
function can either create new variables or modify existing variables.
```{r}
  ∰ 
fandango <- mutate(fandango, stars_ten = stars*10)</pre>
## arrange the data
The arrange function allows you to sort the data by certain variable(s).
```{r}
                                                                            € ¥ >
fandango_sorted <- arrange(fandango, year)</pre>
## summarise the data
The summarize function allows you to collapse cases for easier descriptive
interpretations and plotting.
```{r}
  £ £
fandango_year <- group_by(fandango,year)</pre>
summarise(fandango_year, year_mean = mean(stars))
```